

# OUTLOOK

A WEEKLY NEWSPAPER FOR FACULTY AND STAFF AT THE UNIVERSITY OF MARYLAND AT COLLEGE PARK

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## The Mercer Study: An Update

In response to concerns raised by the Campus Senate General Committee on Staff Affairs and the Personnel Services Advisory Council, President William E. Kirwan has initiated action at the UM System level which will facilitate a planning process for review and implementation of the Mercer Study, the system-wide employee compensation study.

The UM System Administration, working with a task group of human resources/personnel officers from all UM campuses, will immediately begin developing an implementation plan with a target date of July 1, 1993. Since all parts of the Mercer Study are not complete, the Board of Regents will be asked to endorse the structure of jobs (four categories of employees) and the development of a plan. That process will include opportunities for employees at each of the UM campuses to respond to and provide input to the various proposals.

As work continues through the implementation process, President Kirwan and Acting Vice President for Academic Affairs Jacob Goldhaber and Vice President for Administra-

tive Affairs Charles F. Sturtz will be responsible for the campus presentation and review of the various components of the plan.

Mercer Inc., the consulting firm specializing in compensation and benefits consulting, will be encouraged to complete its study requirements.

Issues to be incorporated in the plan include compensation and performance management program policies, benefit policy issues, evaluation of campus specific jobs, creation of global job specifications, development of campus specific job specifications, construction and evaluation of pay ranges, alignment of individual employees into classes or grades, and

implementation of the performance management program.

One of the most controversial Mercer recommendations calls for merging of merit and cost of living (COLA) monies into a single pool to be awarded exclusively on the basis of performance, effectively eliminating COLA for staff only.

The UM System Administration has agreed that such a proposal will not be advanced without a formal commitment from the Governor and the Maryland General Assembly to fund equally the university compensation allowance in relation to the compen-

*continued on page 3*

## Philip Straw Selected for Parents' Association's Outstanding Faculty Award

Philip Straw, a lecturer in the Honors Program, has been chosen for the first Outstanding Faculty Award presented by the College Park Association of Parents.

"The award was created by the Parents' Association Awards Committee as an opportunity for the Parents' Association to impact the campus community through the recognition of faculty members who demonstrate a commitment to classroom teaching and a sincere interest in students," says Jeanne Klugel, president of the Parents' Association.

The award recipient was announced and the finalists recognized at a reception on April 4 at the home of President and Mrs. William E. Kirwan.

Straw teaches Honors 318 (America in Vietnam), which has included such guest speakers as General Norman Schwarzkopf, Henry Kissinger, and Richard Nixon.

"The lessons he taught us about the Vietnam era, about American society, about the importance of always

*continued on page 2*

## INSIDE

### Don Kash To Deliver Science, Technology and Society Lecture

George Mason University professor is authority on technological innovation.....2

### TRIO: Offering Support for Disadvantaged Students

Programs designed to help low-income or first generation college students succeed.....3

### Visual Press Premieres

*Endgame*  
Film of Beckett's play to make U.S. debut in Hoff Theater April 8.....5

### Modern Technology Provides Insight into Yoga

5,000-year-old practice reflects understanding of human nervous system, says Stephen W. Porges.....6

## Campus Senate to Meet April 6

The Campus Senate will meet Monday, April 6 at 3:30 p.m. in Room 0126 Reckord Armory. Special Orders of the Day include a report from Joel Cohen, professor of mathematics and the university's ombuds officer and a report from Marvin Breslow, associate professor of history and College Park representative to the University of Maryland System Faculty Council.

Scheduled for Senate action are Executive Committee proposals for Senate floor debate on the Programs, Curricula, and Courses Committee Report on *Hard Choices: The Next Step in Preserving Enhancement*. The Senate is also expected to approve members of the Transition Committee on Implementation. They are: Jeffrey Adams, associate professor of mathe-

matics, Marvin Breslow, associate professor of history, Donna DeWick, undergraduate student, Larry Lauer, undergraduate studies, and Earlean McCarrick, associate professor of government and politics, who will chair the committee.

The Senate is seeking a new parliamentarian. Those interested should contact Robert Lissitz, Senate chair-elect. A small stipend is included. The deadline for applications from staff and students for seats in the Senate for the next term is April 7. Faculty elections are on-going in academic departments. The Senate is also still accepting applications for volunteers to work in Senate committees for the 1992-93 academic year. For more information, call 405-5805.

## 11th Annual Alumni Reception and Award Banquet Set

The Center for Minorities in Science and Engineering, the Black Engineers Society and the Society of Hispanic Professional Engineers will hold their 11th annual alumni reception and awards banquet Saturday, April 11 at the Capital Centre Holiday Inn. The reception and dinner will honor minority alumni, 1992 graduates and outstanding students.

## Parents' Association Establishes Faculty Award

*continued from page 1*

learning and questioning, and about ourselves will remain forever with me," says a student who nominated Straw.

Finalists for the "Outstanding Faculty Award" also included Bruce Donaldson, a professor in the Department of Aerospace Engineering; Scott D. Carson, an assistant professor in the Department of Computer Science; Robin G. Sawyer, a lecturer in the Department of Health Education; John L. Seidel, an assistant professor in the Department of Anthropology; Robyn Muncy, an assistant professor in the Department of History; and Sangeeta Ray, an assistant professor

in the Department of English.

Parents and students were both encouraged to nominate faculty, and nomination forms for the award were distributed to students through residence halls, students organizations, and at the information desk at the Stamp Student Union.

Nominees were judged on their ability to relate to students, dedication to teaching, interest in students' personal and academic achievements, availability to students on an individual basis, ability to deliver subject matter in a stimulating and creative way, whether they graded fairly and objectively and their awareness of and commitment to diversity.

The eight finalists were selected

during the March 19 meeting of the Parents' Association Executive Council from the pool of nominees.

The Parents' Association was created in 1977 to enhance communication and understanding between students, parents, and the university.

## Correction

Evelyn Elsing, cellist, and Robert McCoy, pianists, associate professors of music, were among the faculty showcased during the Artist Scholarship Series' Tenth Anniversary Concert, "The Pleasures of Music," at the Kennedy Center on March 31. Their names were omitted from a March 23 Outlook story.

Outlook's March 23 issue contained a story on the endowment of the Charles F. Reichelderfer Memorial Fund in the Department of Entomology. It should be noted that over 100 people have generously contributed to this fund, including faculty and staff from the Colleges of Agriculture and Life Sciences, family and friends. For more information about the Reichelderfer Scholarship, contact Patricia Wang, assistant director of donor relations at 405-7764.

## Kash to Deliver 1992 Science, Technology and Society Lecture



Don Kash

Don E. Kash, Hazel Chair in Public Policy at George Mason University, will deliver the 1992 Science, Technology and Society Lecture. His topic will be "Perpetual Technological Innovations: Friend or Foe?"

Kash, who's research has focused recently on technological innovation, particularly in Japan, will speak Wednesday, April 8 at 7:30 p.m. in Room 1202 Engineering Classroom Building.

Kash is the author of the recent book *Perpetual Innovation: The New World of Competition* as well as six other books and numerous articles in journals and magazines.

During the last four years he has been to Japan ten times to conduct research on commercial technological innovation in Japanese companies.

His current research interests focus on the role of government in carrying out internationally competitive commercial technological innovation.

The lecture is sponsored in part through the Charles M. and Helen B. White Lectureship Fund. The fund was established in 1968 for lectureships focusing on interactions of engineering technology with the sociological, economic, and environmental considerations of modern society.

Kash's lecture is free and open to the public and should be of particular interest to members of the campus community concerned with business and public policy issues.

## 26 Journalists Win Knight Center Fellowships

Twenty-six reporters and editors have received fellowships to study race, class and ethnicity issues April 20-25 at the Knight Center for Specialized Journalism at the College of Journalism. The intensive course will include economics, culture, demographics and politics.

The center is supported by a major grant from the Knight Foundation.

The journalists were selected by Eugene Roberts a UMCP journalism

professor and former *Philadelphia Inquirer* executive editor, Vanessa Gallman, *Washington Post* assistant metro editor, and James Houck, former Baltimore *Sun* managing editor.

## OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

Kathryn Costello	Vice President for Institutional Advancement
Tom Otwell	Acting Editor
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Christopher Paul	Layout & Production
Al Danegger	Photography
Kerstin A. Neteler	Production Intern

Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Editor Outlook, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 405-4621. Electronic mail address is outlook@pres.umd.edu. Fax number is (301) 314-9344.

UNIVERSITY OF MARYLAND AT COLLEGE PARK



## MEI to Host Visiting Russian Scholar

From April 30 to May 19, the Maryland English Institute (MEI) will host Alevtina Morozova who is English Chair of Samara Teachers Training Institute in Russia. Morozova will be working with colleagues at MEI to establish professional ties and possible faculty exchanges. During her stay at College Park, she will be residing in the International House. Members of the campus community wishing to contact Morozova should call Lois Kleinhenn Lanier, MEI assistant director, at 405-5185.

# NEWS

## Mercer Study: An Update

*continued from page 1*

sation allowance of other state agencies. This is a condition that President Kirwan sought and secured when the Chancellor's Council voted last spring to accept Mercer's recommendation to phase out COLA for some employee groups.

Early last month the Campus Senate Executive Committee on behalf of the Senate voted unanimously to endorse a letter to President Kirwan from the Senate General Committee on Staff Affairs requesting delay in the implementation of the Mercer Study.

Although the Mercer team assured university staff that responsiveness to employees' comments and concerns was to be the cornerstone of the study process, that promise has not been fulfilled, the committee said.

Representing classified staff, associate staff, and academic administrators, the committee identified several areas of significant concern relevant to all campus employees, regardless of their employee category.

"Our goal is not to prevent the adoption of a new compensation program but to influence a more considered and careful approach," says

Patricia Moreland, the committee chair.

"A COLA-equivalent 'merit pool,' meted out disproportionately across and within colleges, departments and other academic units, virtually ensures that some university employees with satisfactory to superior performance will receive effective pay cuts as their salaries fail to keep pace with inflation," Moreland says.

"The Staff Affairs Committee continues to feel that the elimination of cost of living adjustments for staff in favor of a merit-only system is inequitable and unacceptable," she says. "We remain unconvinced that the Governor or the state legislature can honestly provide the University with any long term, formal commitment concerning future appropriations. Furthermore, we believe that it is unprecedented and ill-advised to establish a compensation system in which the faculty will continue to receive COLA and merit and the staff does not."

Citing what it said was a uniform lack of information for review of recommendations for salary, grades, groupings, etc, the committee also urged that implementation of the Mercer recommendations be delayed

so that a broader campus community dialogue can be pursued. It also called for a forum to be established where direct employee suggestions and questions can be considered.

"We regard it as imperative that the recommendations of the Mercer study be broadly disseminated on campus, that employees be briefed on the practical consequences of carrying out those recommendations, that the implementation plan be presented to the campus, and that the campus community be able to react both to the Mercer recommendations and the proposed implementation plan before implementation is begun," Campus Senate Chair Gerald R. Miller says.

—Tom Otwell

## New Senior Council at Maryland Unifies and Assists Seniors

It began 82 years ago, when the class of 1910 left as its gift to the university the iron gate entrance to the Rossborough Inn. Many graduating classes have followed suit in leaving behind a remembrance, including the class of 1933, responsible for "Testudo," the class of 1984, which donated the hand-carved wooden replica of the university seal at the Stamp Student Union Information Desk, and the class of 1986, which lit the "M" in the traffic circle on Campus Drive.

The class of 1992 also is hoping to thank the university through a senior gift—reparation of the Chapel Clock Chimes—through the Senior Council at Maryland, a new initiative for seniors developed in the Office of the Vice President for Student Affairs.

But the Senior Council at Maryland has a larger goal than the donation of a gift. It was designed to help students improve their senior year experience, to unify the class and promote a sense of community, and to help them have a successful transition to life after college.

Contributing to a class gift is one way to unify the class and promote a



sense of community. But there are also Senior nights, a Senior Social at the home of President William E. Kirwan, and a Senior Send-Off Picnic, all planned in April to celebrate Senior Month.

For a successful transition to life after UMCP, the Council is sponsoring in April a job search strategies workshop, an Engineering Job Fair, an "on-site" interview workshop and

a resume writing workshop.

And, to maintain the sense of community, the Council encourages seniors to become active members of the Alumni Association.

### Students Sought for Peer Leadership Consultant Program

Applications are now available to students who are interested in becoming part of the new Peer Leadership Consultant Program. Students who will have at least junior standing by the fall semester are encouraged to apply. Developed and administered by the Office of Campus Activities, the program will provide participants with leadership experience an opportunity to serve as consultants to other students. Academic credit is optional and available for up to three credits per semester through EDCP 489 and EDCP 498. Applications are available in Room 1191, Stamp Union. Deadline is April 10. For info, call Michelle Howell or Nance Lucas at 314-7174.

## TRIO Programs Help Disadvantaged Students Succeed in Higher Education

Brian Smith, a sophomore electrical engineering major, had an internship with IBM last summer and will for the next three. He has a 3.5 overall grade point average and is trying hard to make 3.8 this semester.

Though school is going well, he knows it could have been different. His mother never went to college and his two older brothers who did struggled.

Fortunately, a guidance counselor at Benjamin Stoddert Middle School in Temple Hills recognized Brian's potential four years ago and contacted the Talent Search Program at the university. Once enrolled, he attended academic convocations and received regular phone calls and letters about which courses to take for college, how to prepare for SATs and when to apply for financial aid.

Brian is just one of the 950 middle and high school students and adults who has received support from Talent Search each year. The program is one of four federally-funded initiatives on campus, collectively known as TRIO, designed to help low-income and/or first generation college students succeed in higher education.

Talent Search, Upward Bound, Student Support Services, and the McNair Post-Baccalaureate Achievement Program—a recent addition to the TRIO programs—were established by the 1965 Higher Education Act to help students overcome class, social and cultural barriers to higher education.

By combining TRIO with state-funded programs such as Intensive Educational Development (IED) and Academic Support for Returning Athletes, it is possible for the university's support of disadvantaged students to extend from elementary to graduate school.

The key to TRIO programs, according to students and administrators, is that they provide an informed and encouraging presence in the lives of young people who might not otherwise consider, let alone succeed in, higher education. Brian's mother agrees.

"He was a good student, but if it hadn't been for the Talent Search Program at Maryland, I don't know how Brian would have known how to get into college," says Daisy Smith. "I couldn't have helped him."

### Talent Search

Designed to identify academically talented, but disadvantaged youth between 12-27 who have the academic potential for education at the post secondary level, Talent Search also



Brian Smith, Erika Benns and Greg Smith

encourages persons who have stopped their education to re-enter secondary or post-secondary programs.

In addition to being recognized as one of the top Talent Search centers in the nation, Director Shirley Morman's program also leads, indirectly, to strong university ties. "Of the college bound Talent Search seniors we helped last year, 85 percent enrolled in college," says Morman. "This year, ten percent enrolled at College Park."

### Upward Bound

While Talent Search primarily draws its students from middle and secondary schools, Upward Bound only helps disadvantaged high school students preparing for post-secondary study.

Last year, Upward Bound assisted 120 participants, with all but two of its 27 12th graders graduating. Of those 25 graduates, 21 enrolled in colleges or universities.

One of those students was Erika Benns. During her 9th grade year at Bladensburg High School, Erika began to spend her afternoons in the little white house adjacent to Parking Lot 1 where Upward Bound has been located since 1966. Later, she spent six weeks here each summer, living in the dormitories, eating with college students in the cafeteria, taking classes, and going on field trips.

"I didn't always like the study halls then," says Benns, a Banneker Scholar and freshman biology major. "But it helped me a lot and gave me some good connections on campus."

A recent addition to Upward Bound is a Mathematics and Science Initiative which, last year, served 35 students.

"The most important thing we do is get students to think critically," says Director Georgette Hardy DeJesus. "We also get them used to college, which involves more than academics."

### Student Support Services

Once in college or university, Academic Achievement Programs, which includes a variety of federal and state supported programs, can help disadvantaged students in four ways.

First, IED provides math and English review, tutoring and skill enhancement.

Second, Student Support Services (SSS) provides academic advisement, counseling, tutoring and instruction in English, math, and study skills. SSS also helps students find and apply for financial aid.

Third, the Ronald E. McNair Post-Baccalaureate Achievement program provides qualified college juniors and seniors with comprehensive academ-

*continued on page 7*

### TRIO Facts & Figures

- This year, the university's TRIO programs will help over 1,200 students from low income and/or first generation college family backgrounds.

- Collectively, the university's TRIO programs will generate \$1.19 million in federal grant dollars this year, with eight percent (or \$95,280) going to College Park for indirect costs. Each TRIO program is funded in three year cycles, so one can project more than \$3.5 million in federal dollars and \$285,000 in indirect costs for the university over this same period.

- College Park supplements TRIO programs with \$125,000 per year. Minus the \$95,280 federal contribution, the university spends less than \$30,000 a year on TRIO, less than \$25 a student.

- Except for fall 1987, retention rates for students enrolled in Student Support Services have been better than non-SSS/IED students since fall 1985.

- SSS/IED students have better grades than non-SSS/IED students campus-wide in the same classes.



## Gender Is Topic of Robertson Lecture

UMCP ethnomusicologist Carol Robertson will present "Gender in Myth and Performance: An Hawaiian Perspective" on Sat., April 11 from 8 to 10 p.m. in Room 2203 of the Art/Soc. Building. The lecture is part of the Washington Society for Jungian Psychology's annual lecture series. A workshop exploring how the images of the myths we grow up with pattern the expression of gender identity in our own lives will follow on Sun., April 12 from 10 a.m. to 4:30 p.m. in Room 2110 in the Center of Adult Education. For more info., call 301/320-3400.

# ARTS

## The Visual Press Premieres *Endgame*

The Visual Press' film production of Samuel Beckett's *Endgame* will make its public premiere on Wednesday, April 8 at 7:00 p.m. in Hoff Theater. The event is free.

The premiere marks the culmination of years of work for Nobel Prize-winning playwright Samuel Beckett, the San Quentin Drama Workshop, and the Visual Press staff.

The San Quentin Drama Workshop began performing *Endgame* and other Beckett plays—*Waiting for Godot*, and *Krapp's Last Tape*—more than 30 years ago. After Beckett directed the troupe in these plays, the productions toured the world as "Beckett Directs Beckett."

According to William Gilcher, assistant director of the Visual Press and producer of *Endgame*, Beckett agreed to a proposal from the Visual Press to make video and film versions of the three plays in their definitive form as he had directed them. *Endgame* was co-produced by the Division of Video Programs of the Smithsonian Institution Press and the San Quentin Drama Workshop. The film was co-directed by Alan Mandell and Academy Award-nominee Robert Bilheimer.

*Waiting for Godot* and *Krapp's Last Tape* were videotaped in Paris under Beckett's direction before his death in December 1989, but *Endgame* was filmed at UMCP's Tawes studio in August, 1991. The original cast from the San Quentin Drama Workshop was reassembled for the production.

The film versions include script and staging changes made by Beckett during performances of the plays. "Our challenge was to preserve Beckett's legacy while producing a viable film that had a life of its own," says Gilcher.

After the premiere at College Park, *Endgame* will have its European premiere on April 13, Beckett's birthday, at the Samuel Beckett Festival in The Hague, Netherlands.

The Visual Press was founded in 1988. It is the first university press in the United States to focus on non-print publishing. Its goal is to produce film, television, video, and interactive materials as well conceived as their written counterparts.

"If universities are going to affect society, it's important for them to understand and use media," says Gilcher. "The Visual Press is trying to build a bridge between academics

and media professionals."

Another Visual Press project currently underway with the Smithsonian is *Anything for Wisement*, a one-hour documentary film for television on Harriet Powers, a major African-American religious artist and visionary of the 19th century who expressed her thoughts in the form of applique quilts. By telling some of the stories represented in Powers' quilts, *Anything for Wisement* will try to bring about a better understanding of the religious, cultural and social worlds of African-Americans in the post-reconstruction South. The film originated in the research of Gladys-Marie Fry, UMCP English professor. Gilcher wrote the script and will serve as producer. Charles Burnett, director of *To Sleep with Anger*, will direct the film.

The Visual Press is administered under the Office of Graduate Studies and Research, and maintains close ties with the College of Arts and Humanities. Visual Press projects are financed through production partners and grants.

—Beth Workman



The filming of *Endgame*

## Graduate School's Lecture Series Continues

The Graduate School continues its fourth annual Distinguished Lecturer Series in April when three nationally-known scholars consider discoveries within their respective fields of African-American art, microbiology and linguistics. "Discovery" is the theme of the year's series.

The first of the three April lectures will be given on April 9 by Robert F. Thompson, Master of Timothy Dwight College at Yale University. Thompson will present "The Face of the Gods: Art and Altars of the Black Atlantic World," a multi-media event

synthesizing dance, music and art. The lecture will be held at 3:30 p.m. in Room 2203 of the Art-Sociology Building.

"Retroviruses: Viruses of Cancer and Aids, The Second Decade" will be presented on April 21 by Robert C. Gallo, M.D., chief of the Laboratory of Tumor Cell Biology at the National Cancer Institute. Gallo is the recipient of more than 100 distinguished lectureships, awards and prizes. His lecture will begin at 3:30 p.m. in Room 1240 of the Zoology-Psychology Building.

The last of the series' lectures will be held on April 29. George Lakoff, professor of linguistics at the University of California at Berkeley, will present "Fire in the Mind: Our Metaphoric Conceptual Systems." Lakoff is the author of four books and dozens of scholarly papers. His lecture will begin at 3:30 p.m. in Room 2203 of the Art-Sociology Building.

All lectures are free and open to the public.

## UMCP To Co-Sponsor 22nd Annual History of Art Symposium

Robert Farris Thompson, a leading historian of African and African-American art and music, will be the keynote speaker during the 22nd Annual Sessions of the Middle Atlantic Symposium in the History of Art when he presents the George Levine Lecture in Art History. The topic of his speech will be "Art and Sport in the Black Atlantic World: Capoeira and Ladja."

The Middle Atlantic Symposium in the History of Art is co-sponsored by the Department of Art History and Archaeology and the National Gallery of Art's Center for Advanced

Study in the Visual Arts. This year the symposium, which gives graduate students the opportunity to present papers on a variety of art historical topics, brings together nine Middle Atlantic universities.

The two-day symposium begins at 5:00 p.m. on April 10 in the Atrium of the Art/Sociology Building with a reception, buffet and Thompson's keynote lecture.

Beginning at 10:00 a.m. on April 11 in the Lecture Hall of the West Building at the National Gallery of Art, graduate students will present papers on topics ranging from "Carpeaux's

'America': Art and Sculptural Politics" to "Paradigms of Deviance: Science, Medicine and Gauguin's Images of Tahitian Women."

Thompson is Master of Timothy Dwight College at Yale University and professor of African and Afro-American art history. He has authored four books, including *Black Gods and Kings*, *African Art and Motion*, *The Four Moments of The Sun*, *Kongo Art in Two Worlds*, and *Flash of the Spirit: African and Afro-American Art and Philosophy*, and is currently working on three other books.



## Clerical and Secretarial Nominees Sought

The President's Commission on Women's Affairs is again sponsoring a program to recognize the outstanding achievement of clerical and secretarial staff at the university. Two to three employees will be recognized this year at the Professional Concepts Exchange Conference luncheon on June 3. Nominees must have been employed at the university for a minimum of five years. In addition to the nomination form, two letters of support must be received by the chair of the selection committee by April 13. For more information, contact Dottie Bass at 405-5615.

## Modern Technology Provides Insight into Yoga

The 5,000 year old practice of yoga reflects a sophisticated understanding of the human nervous system according to a theory being tested by Stephen W. Porges, professor of human development.

Porges recently went to Calcutta, India to test this theory. According to Porges, various yogic techniques moderate the activity of a nerve called the vagus. The vagus projects neural fibers from its source in the brainstem to many visceral organs including the heart, pancreas, stomach and intestines.

Diseases such as hypertension, diabetes, and asthma, as well as disor-

ders of sleep, eating and digestion are associated with vagal dysfunction. In contrast, Western science is only beginning to appreciate this relationship," he says.

During January and February, Porges and his collaborator Dana J. Redington, a MacArthur Foundation fellow at the University of California, San Francisco, travelled to Calcutta to work with Ajit K. Maiti, a distinguished professor of neurosciences at Calcutta University and director of the Jivanyan Institute for Research on Human Living. Maiti is a recipient of the highest scientific award in India, the Shanti Swarup Bhatnagar Award for outstanding contributions in medicine and physiology. With his assistance, the American researchers were able to test highly trained yoga masters.

The study of neural changes during yoga was made possible with newly developed instruments and techniques for describing the vagal control of the heart. Since computerized biomedical instruments are rare in India, the Americans developed and brought with them a portable physiological laboratory. Among the instruments was the Delta Biometrics Vagal Tone Monitor, a device developed by Porges to assess vagal activity during various yogic procedures. Redington, an expert in biomedical monitoring, used additional equipment to monitor heart function, temperature and breathing. Video recordings documented the unique breathing and postural maneuvers of yoga.

According to Porges, the yoga masters were able to make remarkable shifts in heart rate. The researchers observed changes of 50 to 70 beats per minute within one second. He says heart rate changes of this magnitude can occur only through direct vagal inhibition of the heart's pacemaker.

"Maneuvers such as those observed in Calcutta demonstrate the yogi's ability to exercise the vagus," Porges

says. "Repeated practice of yoga may enhance the vagal control of internal organs like the heart, and thus promote health."

Yogis claim to prevent or alleviate various diseases. The researchers noted a consistency in the physiological effects of yoga. Porges believes that stimulation of the vagus is the common principle underlying the beneficial effects of various forms of yoga.

"Unlike most earlier research on yoga and other Eastern practices of meditation, our team did not begin our research plan with a 'let's see what is there' approach," Porges says. "We do not view yoga as a mystical or religious practice. Rather, we are testing a specific theory strongly rooted in contemporary physiological and medical research." According to Porges there is scientific documentation demonstrating that manipulations of posture, breathing and concentration produce systemic changes in vagal activity. He says this is consistent with medical research that demonstrates a relationship between vagal activity and health.

Porges and his team will return to India next fall. They plan to evaluate practitioners of raja yoga, a form of yoga that uses thought processes to regulate the body's internal conditions. "The research will evaluate whether thoughts can directly control the vagus, independent of postural and respiratory reflexes," Porges says.

"If our research demonstrates that it is possible to exercise and strengthen the vagal control of specific organs through mind and body actions, we will be able to identify the yogic methods that are most efficient. With this knowledge, an efficient new yoga can be developed to foster health," Porges says.

—Fariss Samarrai



Ajit K. Maiti, Stephen W. Porges, Swami Yogeswananda Saraswati, and Dana J. Redington

Porges has spent his academic career investigating the vagus and the effects of vagal nerve regulation on health and behavior. He hypothesized that the ancient practice of yoga may have a direct effect on vagal function. "Since antiquity, Eastern traditions of health maintenance have expressed an inferred knowledge of

Four College Park faculty members have been awarded Alfred P. Sloan Foundation Research Fellowships for 1992. They are: Manoussos G. Grillakis and Jian-Shu Li, assistant professors of mathematics; Rinaldo Poli, assistant professor of chemistry and biochemistry; and Frederick C. Wellstood, assistant professor of physics.

The grants of \$30,000 each for a two-year period are used by the fellows to pursue whatever lines of inquiry are of most interest to them. More than 400 nominations for the

1992 awards were reviewed by a committee of distinguished scientists. Sloan Fellowships went to 90 faculty members from 53 colleges and universities in the United States and Canada. Fellowships are granted each year to outstanding young scientists who are engaged in research at the frontiers of physics, chemistry, mathematics, neurosciences and economics.

This year's fellows were selected from among hundreds of highly qualified young researchers in the early stages of their careers on the

basis of their exceptional promise toward contributing to the advancement of knowledge. Candidates for the fellowships are nominated by department chairs and other senior scholars familiar with their talents.

The Sloan Research Fellowship Program is the oldest program of the Sloan Foundation and is one of the oldest fellowship programs in the country. It began in 1955 as a means of encouraging research by young scholars at a critical time in their careers when other support is difficult to obtain.

## Sloan Fellowships Awarded to Four College Park Faculty Members



## Career Assistant Internship Program Seeks Staff Aides

The Career Development Center requests faculty and staff assistance in nominating undergraduate students for career assistant positions for the 1992-93 academic year. Career assistants work approximately ten hours a week in the Career Resource Center helping students, alumni and others. Qualifications include: strong communication and organization skills, dependability and responsibility, good academic standing, and a desire to help others. The names of nominees should be sent to: Linda J. LeNoir, Rm 3121, Hornbake Library, South Wing. Deadline is Wednesday, April 8. For info, call 314-7225.

F.Y.I.

## Kudos to...

**Maurine Beasley** (Journalism), who was honored for long-standing service to Women in Communications at a program February 15th in honor of the 60th anniversary of the Washington chapter.

**Jay Blumler** (Journalism) for his new book, *Comparatively Speaking: Communication and Culture Across Space and Time*, published by Sage Publications. Co-authors are Jack McLeod, University of Wisconsin, and Karl Rosengren, University of Lund (Sweden).



Vivian Boyd

**Vivian Boyd** (Counseling Center) for her election to the Governing Board of the Association of University and College Counseling Center

Directors, which represents more than 450 counseling center directors. Boyd will be involved in formulating policies and procedures for the enhancement of counseling centers in the U.S. and Canada.



Gary Pavela

**Marjorie Ferguson** (Radio, TV and Film) and **Mark Levy** (Journalism), who spoke to journalists from Sub-Saharan Africa and the Near East about U.S. mass media issues in a talk sponsored by the USIA and Meridian House International Visitors Program on February 18.

**Kathryn Mohrman** (Undergraduate Studies) on her Fulbright grant to study the higher education system of Japan and Korea this summer. Between June 27 and August 1, Mohrman and five administrators from other universities will visit university campuses, corporate training facilities, and cultural historic sites in Japan and Korea.



Kathryn Mohrman

**Gary Pavela** (Judicial Programs) who spoke at the "Academic Integrity in the 1990s" conference held March 5-7 in Newark, NJ.

Faculty and students from 28 leading colleges and universities attended the conference.

**John Schilb** (English) for his contribution to *Practicing Theory in Introductory College Literature Courses*, a book recently published by the National Council of Teachers of English.



David Segal

**David R. Segal** and **Mady Wechsler Segal** (Sociology & CISSM) have been invited to participate in a series of research seminars in England sponsored by the British Economic and Social Research Council. The series of six seminars, to be held between 1992 and 1994 at King's College London, The Royal Military Academy Sandhurst, and the University of Lancaster, will deal with "Armed Forces and British Society in the Transition to the Twenty-First Century."



Mady Segal

## University Programs Help Low Income and/or First Generation College Students

*continued from page 4*

ic skill enhancement, as well as counseling, tutoring, and mentoring by senior faculty to prepare for graduate education.

Finally, the Academic Support for Returning Athletes Program provides continuing support services to former athletes who were in good academic standing, had reached their junior or senior year, but had exhausted their eligibility and left the university without obtaining their degree.

"Based on retention and graduation rates of our students, the programs have proven highly successful," says Director Jerry Lewis.

Greg Smith, a senior political sci-

ence major, has benefited from two of these programs, IED and McNair. But he wasn't enthusiastic at first.

"I thought IED was for people who couldn't make it," says Smith. "But when I went through the Summer Transitional Program [STP], I realized I was weak in English and math."

After the STP, a sort of academic boot camp which includes intensive testing, class tutoring and counseling, Greg was able to end his freshman year with a B in Math 115 after struggling in Math 0100 in the summer. Like the 350 students IED sees each year, Greg kept to a rigorous first year schedule: no sports, no fraternities, and continued daily tutoring.

"They push you hard, but it gives you a lot of confidence," says Smith.

Technically, Greg's support from SSS/IED ended after his sophomore year when he declared his major. But through the McNair program, he was able to conduct a research project in the Center for International Development and Conflict Management, which led, in part, to his decision to pursue graduate studies. He's just been accepted for a joint law and masters program in international affairs at American University. Also, he is hoping his most recent project about the 1988 Chinese Democracy Revolution will be publishable.

—John Fritz

## Invention Disclosure Rate Hits All Time High

For the Office of Technology Liaison, fiscal year 1992 has been a busy one. During the first half of the year, 12 new license agreements were reached. The office also received 55 invention disclosures during calendar year 1991, 20 percent more than the 1990 disclosure rate.

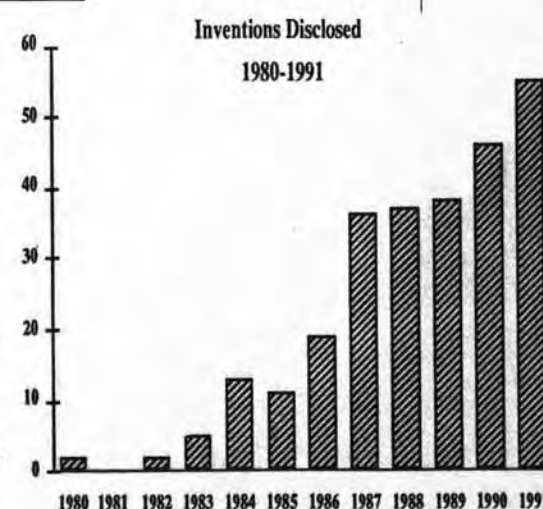
According to its director Wayne Swann, the office is now consistently receiving more than one invention

per week.

The university's patent disclosure profile (see chart) illustrates the rapid increase over the past decade and shows strong and consistent faculty support during the last five years. This growth is especially apparent beginning in 1986, the year the Office of Technology Liaison was established.

Swann notes that disclosures con-

tinue to come from a broad spectrum of campus departments. Recent disclosures of new innovations have come from the Center for Automation Research, the Systems Research Center, the departments of mechanical, electrical and chemical engineering, botany, mathematics, physics, computer science and geology.





# CALENDAR

APRIL 6 - 16

## 6 MONDAY

**Art Gallery Exhibition:** "Maryland State Artist Series," Mar. 25-Apr. 24; The Art Gallery. Call 405-2763 for info.

**Spring Open House for Admitted Students:** faculty and students offer information and tours of facilities, 9 a.m. registration, Stamp Student Union. Call 4-8385 for info.

**Women's Tennis vs American U.,** 2:30 p.m., Tennis Bubble. Call 4-7001 for info.

**Campus Senate Meeting,** 3:30 p.m. - 6:30 p.m., 0126 Reckord Armory. Call 5-5805 for info.

**Entomology Colloquium:** "Population Dynamics of the Fire Ant, *Solenopsis invicta*," Eldridge Adams, U. of Rochester, 4 p.m., 0200 Symons. Call 5-3912 for info.

**Computer Science at College Park Colloquium:** "Derivation and Replay Using the KIDS System," Allen Goldberg, Kestrel Institute, 4 p.m., CLB 0111. Reception, 3:30, 1152 AVW. Call 5-2661 for info.

**Horticulture Colloquium:** "New Improvement Strategies for Increasing Raspberry Yield in Eastern North America," Harry Jan Swartz, Horticulture, 4 p.m., 0128B Holzappel. Call 5-4336 for info.

**Space Science Seminar:** "A Survey of Research Programs in Space Plasma Physics," Tim Eastman, NSF and IPST, 4:30 p.m., 1113 Computer/Space Science. Call 5-6226 for info.

**Women's Studies Lecture:** "Codes of Resistance in the Lesbian Community of Buffalo N.Y. in the 1940s - 1950s," Elizabeth Kennedy, SUNY Buffalo, 8 p.m., 2203 Art/Soc. Call 5-6877 for info.

## 7 TUESDAY

**Ecology Seminar:** "Divergent Speciation Rates in Atlantic and Pacific Corals," Donald Potts, UC Santa Cruz and Smithsonian Institution, noon, 1208 Zoo/Psych. Call 5-6944 for info.

**Terpmasters Toastmasters,** general meeting, 6:30-7:30 p.m., 0138 Tawes. Call 262-9131 for info.

**20th Century Ensemble Concert,** 8 p.m., Tawes Recital Hall. Call 5-5548 for info.

## 8 WEDNESDAY

**Israel Committee Lecture:** "Peace and Democratic Values in Israel," Edy Kaufman, Hebrew University, noon. Call 5-4268 for location and info.

**Counseling Center Research and Development Meeting:** "Career Indecision: A Validation of Types at a Counseling Center," Margaret Lucas, counselor, noon-1 p.m., 0106 Shoemaker. Call 4-7691 for info.

**Molecular and Cell Biology Seminar:** "Translocation of Proteins Into Mitochondria," Walter Neupert, University of Munich, 12:05 p.m., 1208 Zoo/Psych. Call 5-6991 for info.



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**Men's Tennis vs Virginia,** 2 p.m., Tennis Bubble. Call 4-7001 for info.

**Zoology Seminar:** "Acetylcholine Receptor Aggregation on Aneurular Myotubes: A Model for Local Induction," Mark Melton, 3:30 p.m., 1208 Zoo/Psych. Call 5-6887 for info.

**Cuban Films In April:** *La Ultima Cena* (in Spanish, with subtitles), 4-6 p.m., Multipurpose Room, St. Mary's Language House. Call 5-6441 for info.

**Film Screening: Beckett Directs Beckett:** *Endgame*, 7 p.m., Hoff Theatre. Call 403-4243 for info.

**1992 Science, Technology and Society Lecture:** "Perpetual Innovations: Friend or Foe?" Don E. Kash, George Mason University, 7:30 p.m., 1202 Engineering. Call 5-3854 for info and reservations.

## 9 THURSDAY

**Center for Teaching Excellence Open Discussion:** "Research on Teaching: Using Cooperative Learning in a High Tech Environment," 12:30-2 p.m., Maryland Room, Marie Mount Hall. Light refreshments served. Call 5-3154 for info.

**UM Institute for Advanced Computer Studies (UMIACS) Seminar on Algorithms,** Jeff Westbrook, Yale, 2 p.m., 1112 AVW. Call 5-6761 for info.

**Women's Tennis vs Virginia,** 2:30 p.m., Tennis Bubble. Call 4-7001 for info.

**Graduate School Distinguished Lecturer:** "The Face of the Gods: Art and Altars of the Black Atlantic World," Robert F. Thompson, Yale, 3:30 p.m., wine and cheese reception to follow, 2203 Art/Soc. Call 5-1487 for info.

**Meteorology Seminar:** "Some Dynamical Issues Associated With the Greenhouse Warming Problem," Isaac Held, Geophysical Fluid Dynamics Laboratory, New Jersey, 3:30 p.m., 2114 Computer/Space Sciences: refreshments, 3 p.m. Call 5-5392 for info.

**"Writers Here and Now" Reading:** Lucille Clifton, 3:30 p.m., 1120 Surge Building. Call 5-3819 for info.

**History and Philosophy of Science Colloquium:** "On the Methods of Science," Dudley Shapere, Wake Forest University, 4 p.m., 1116 IPT. Call 5-5691 for info.

**Latin American Studies Lecture:** "Japan and New Spain Missionary Thought: Trope, Allure, and the Exemplar," Jorge Klor de Alva, Princeton, 5 p.m., Multipurpose room, St. Mary's Hall. Call 5-6441 for info.

**Engineering Research Center Reliability Seminar:** "Distributions of Life Data as a Function of Stress," Stewart Peck, consultant, 5:15-6:15 p.m., 2110 Chemical and Nuclear Engineering. Call 5-3887 for info.

**Wellness Research Lab Lecture:** "Weight Loss and Maintenance," Jane DeVane, Washington Hospital Center, 5:30-7 p.m., 0303 Health and Human Performance. Call 5-2438 for info.

## 10 FRIDAY

**Center for Renaissance and Baroque Studies Symposium:** "Sexualities, Dissidence, and Cultural Change," speakers from English and Comparative Literature, and other universities, 9 a.m. registration, free to graduate students, 2111 Stamp Student Union. Call 5-6830 for info.\*



**Geology Seminar:** "The Role of Hydrogen in the Crust and Mantle," Charles T. Prewitt, Geophysical Lab, Washington DC, 11 a.m., 0105 Hornbake. Call 5-4089 for info.

**Speech Communication Colloquium:** "An Alternative Perspective on Explanation in the Social and Behavioral Sciences," John Greene, Communication, Purdue University, noon, 0147 Tawes. Call 5-6524 for info.

**Botany Seminar:** "Molecular Genetic Analysis of Carotenoid Biosynthesis in Cyanobacteria as a Model for Higher Plants," Buddy Cunningham, Botany, noon, 2242 Patterson. Refreshments, 11:30 a.m., 1216 Patterson. Call 5-1588 for info.

**Agricultural and Resource Economics Seminar:** "Optimal Revision of Pollution Control Mechanisms," John Horowitz, Agricultural and Resource Economics, noon-2 p.m., 2200 Symons. Call 5-1293 for info.

**First National Bank of Maryland Finance Research Colloquium:** "An Alternative Test of the After-Tax Capital Asset Pricing Model," Joseph Chang, UMCP, 1-2:30 p.m., 2102 Tydings. Call 5-2256 for info.

**Mental Health Lunch 'n' Learn Seminar:** "Reel Shrinks: The History of Psychiatrists in the Movies," Irving Schneider, psychiatrist, 1-2 p.m., 3100E Health Center. Call 4-8106 for info.

**Fluid Dynamics Review Seminar:** "Fractal Dimensions in a High Reynolds Number Turbulent Boundary Layer," Charles Meneveau, Johns Hopkins University, 2 p.m., 2164 Engineering. Call 5-5272 for info.

**Crossroads in Film Series: Saaraba (Utopia),** 7:30 p.m., 2203 Art/Soc. Call 5-7856 for info.

**Architecture Lecture,** 1992 Lombardo Memorial Lecture, "Recent Thoughts," Charles Moore, 8 p.m., School of Architecture Auditorium. Call 5-6284 for info.

**University of Maryland Symphony Orchestra Concert,** featuring Dominick Argento's *A Water Bird* Talk, John Shirley-Quirk, baritone, William Hudson and Sara Watkins, conductors, 8 p.m., Tawes Recital Hall. Call 5-5548 for info.

## 11 SATURDAY

**Maryland Club Lacrosse vs Catholic University,** 2 p.m., Denton Field. Call 4-7218 for info.

**Classical Indian Concert, Ajoy Chakrabarty,** vocals, 8 p.m., Center of Adult Education, \$15 admission. Call 983-0672 for info.\*

## 12 SUNDAY

**Men's Tennis vs North Carolina,** noon, Tennis Bubble. Call 4-7001 for info.

**Maryland Club Lacrosse vs Howard University,** 1 p.m., Astro-turf Field. Call 4-7218 for info.

**Women's Softball vs Charles County Community College,** 2 p.m., Lot 4 Softball Field. Call 4-7218 for info.

## 13 MONDAY

**Special Education Presentation:** "A Developmental Perspective on Learning Disabilities," Barbara Keogh, 9:30-10:45 a.m., 3237 Benjamin. Call 5-6515 for info.

**President's Commission on Women's Affairs Meeting,** noon-1:30 p.m., 1102 F.S. Key. Call 5-5806 for info.

**Horticulture Colloquium:** "Development of a Linkage Map in Soybean Using Simple Repeat Tandem Polymorphism," Perry Cregan, USDA-ARS, 4 p.m., 0128B Holzappel. Call 5-4336 for info.

**Computer Science at College Park Colloquium:** "Towards Multi-giga Instructions per Second Microprocessors," Gurindar Sohi, University of Wisconsin, 4 p.m., CLB 0111. Reception, 3:30, 1152 AVW. Call 5-2661 for info.

**Entomology Colloquium:** "Development and Application of Immunological and Molecular Tools for Epidemiological Studies of Vector-Borne Diseases," Thomas R. Burkot, Center for Disease Control, Colorado, 4 p.m., 0200 Symons. Call 5-3912 for info.

**Space Science Seminar:** "Global Modeling of High-Latitude Geomagnetic Variations," V. Papitashvili, IZMIRAN, Moscow, 4:30 p.m., 1113 Computer/SpaceScience. Call 5-6226 for info.

**University College Speaker:** "New Challenges Facing Germany," Wolfgang Schuster, Mayor of Schwäbisch Gmünd, site of University College's new 4-year campus, 5:30-6:30 p.m., Center of Adult Education; room will be posted. Reception at 5 p.m. Call 985-7442 for info.

## 14 TUESDAY

**Ecology Seminar:** "Hydrodynamical and Biological Processes Affecting Larval Settlement of Benthic Invertebrates," Cheryl Ann Butman, Woods Hole Oceanographic Institute, noon, 1208 Zoo/Psych. Call 5-6948 for info.

**Center for International Development and Conflict Management (CIDCM) Brown Bag Seminar:** "Transition in Central Europe: Potential for Political Instability," Bartłomiej K. Kaminski, Government and Politics, 12:30 p.m., 2nd floor Mill. Call 4-7703 for info.

## Symphonic Wind Ensemble

**Performance,** John Wakefield, conductor, 8 p.m., Grand Ballroom, Stamp Student Union. Call 5-5548 for info.

**Maryland Opera Studio:** "A Program of Opera Excerpts," conducted by Robert McCoy, staged by Leon Major, 8 p.m., Tawes Recital Hall. Call 5-2201 for info.

## 15 WEDNESDAY

**Wellness Research Lab Racquetball Class,** David Hyde, 7-8 a.m., 0140 Health and Human Performance. Call 5-2438 for info.

**Counseling Center Research and Development Meeting:** "The State of the Art in Abuse Treatment," Chris Courtois, psychologist, noon-1 p.m., 0106 Shoemaker. Call 4-7691 for info.

**Molecular and Cell Biology Seminar:** "Unconventional Approaches for Identifying Insect Neurohormones," Michael Ma, Entomology, 12:05 p.m., 1208 Zoo/Psych. Call 5-6991 for info.

**Maryland Opera Studio,** A reading of two new operas, *Beauty and the Beast* and *The Crossing Point*, 12:30 p.m., Tawes Recital Hall. Call 5-2201 for info.

**Italian Lecture:** "The Portraits of Dante and Boccaccio in the Renaissance," Victoria Kirkham, University of Pennsylvania, 2:30 p.m., St. Mary's Language House. Call 5-4024 for info.

**Center for Teaching Excellence Faculty Workshop:** "Technology Applications Which Enhance Teaching: Demonstrations and Ideas," 3-5 p.m., 4205 Hornbake. Light refreshments served. Call 5-3154 for info.

**Women's Softball vs Anne Arundel Community College,** 3 p.m., Lot 4 Softball Field. Call 4-7218 for info.

**Anthropology Seminar:** "Humanizing Federal Resources Management: Applied Ethnography in the National Park," Muriel Crespi, National Park Service, 3:30-5:30 p.m., 0103 F.S. Key. Refreshments served. Call 5-1423 for info.

**Cuban Films In April:** *El Otro Francisco* (in Spanish, with subtitles), 4-6 p.m., Multipurpose Room, St. Mary's Language House. Call 5-6441 for info.



**Wellness Research Lab Lecture:** "Buying Home Exercise Equipment," Jay Gilchrist, 5-6:30 p.m., 0302 Health and Human Performance. Call 5-2438 for info.

**Architecture Lecture,** 1992 Kibel Lecture, "Recent Work," Barbara Littenberg, 7 p.m., School of Architecture Auditorium. Call 5-6284 for info.

**Maryland Opera Studio:** "A Program of Opera Excerpts," conducted by Robert McCoy, staged by Leon Major, 8 p.m., Tawes Recital Hall. Call 5-2201 for info.

\* Admission charged for these events.